

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/757,973
		Filing Date	January 13, 2004
		First Named Inventor	Xie, Jun
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	6	Attorney Docket Number	020859-002510US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs) w/attached PTO/SB/08A (1 pg), and PTO/SB/08B (1 pg) (citing refs 1-27) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Postcard; and 2. A copy of each of 27 references.
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		
<p>* Note: References not included in the total number of pages above.</p>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP		
	Kent J. Tobin	Reg. No. 39,496	
Signature			
Date	4/21/04		

CERTIFICATE OF TRANSMISSION/MAILING

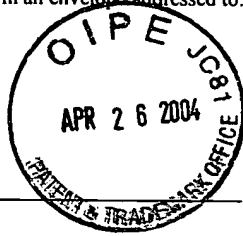
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PATENT
Attorney Docket No.: 020859-002510US
Client Reference No.: CIT-3832

TOWNSEND and TOWNSEND and CREW LLP

By: Edward Masinas
Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jun Xie et al.

Application No.: 10/757,973

Filed: January 13, 2004

For: INTEGRATED ELECTROSTATIC
PERISTALTIC PUMP METHOD AND
APPARATUS

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Kent J. Tobin
Reg. No. 39,496

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Substitute for form PTO/SB/08A (08-03) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/757,973
			Filing Date	January 13, 2004
			First Named Inventor	Xie, Jun
			Art Unit	Unassigned
			Examiner Name	Unassigned
Sheet 1	of 2	Attorney Docket Number	020859-002510US	

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	US 5,836,750		11-17-1998	Cabuz	
	2	US 6,033,191		03-07-2000	Kamper et al.	
	3	US 6,062,256		05-16-2000	Miller et al.	
	4	US 6,109,889		08-29-2000	Zengerle et al.	
	5	US 6,124,632		09-26-2000	Lo et al.	
	6	US 6,126,140		10-3-2000	Johnson et al.	
	7	US 6,149,123		11-21-2000	Harris et al.	
	8	US 6,206,022	B1	03-27-2001	Tsai et al.	
	9	US 6,240,962	B1	06-06-2001	Tai et al.	
	10	US 6,277,257	B1	08-21-2001	Paul et al.	
	11	US 6,408,878	B2	06-25-2002	Unger et al.	
	12	US 6,536,213	B2	03-25-2003	Tai et al.	
	13	US 6,568,910	B1	05-27-2003	Parce	
	14	US 6,572,749	B1	06-03-2003	Paul et al.	
	15	US 6,626,416	B2	09-30-2003	Sharma et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/757,973		
		Filing Date	January 13, 2004		
		First Named Inventor	Xie, Jun		
		Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	020859-002510US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16	DEGANI et al., On the Effect of Residual Charges on the Pull-in Parameters of Electrostatic Actuators, Sensors and Actuators A 97-98 (2002), pp 563-568.	
	17	DUBOIS et al., Electrostatically Actuated Gas Microvalve Based on A Ta-Si-N Membrane, Institute of Microtechnology, University of Nuchatel, Switzerland, 2001, pp 535-538.	
	18	GALAMBOS et al., A Surface Micromachined Electrostatic Drop Ejector, Transducers 2001, Munich, Germany.	
	19	GROSJEAN et al., A Thermopneumatic Peristaltic Micropump Transducers, 1999, pp 1776-1779.	
	20	JUDY et al., Micromechanical Membrane Pump, MEMS 1991, pp 182-186.	
	21	KOVACS, G.T.A., Micro Machined Transducers Sourcebook, McGraw-Hill, 1998.	
	22	SETHU et al., Polymer Based Actuator for Nozzle-Diffuser Pumps in Plastic Microfluidic Systems, 2002, pp 232-328.	
	23	TSAI et al., A Thermal Bubble Actuated Micro Nozzle-Diffuser Pump, MEMS 2001, pp 409-412.	
	24	WU et al., Electrochemical Time of Flight Flow Sensor, Sensors and Actuators, A 97-98 (2002), pp 68-74.	
	25	VANDELLI et al., Development of a MEMS Microvalve Array for Fluid Flow Control, Journal of Microelectromechanical Systems, Vol. 7, No. 4, December 1998, pp 395-403.	
	26	WIJNGAART et al., A High-Storke, High-Pressure Electrostatic Actuator for Valve Applications, Sensors and Actuators, A 100 (2002), pp 264-271.	
	27	YAO et al., Dielectric Charging Effects on Parylene Electrostatic Actuators, IEEE, 2002, pp 614-617.	

Examiner Signature		Date Considered	
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